Appl. No. 10/578,654
Amendment and/or Response
Reply to non-final Office action of 18 September 2008

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<u>**Amendments to the Abstract**</u>:

Please amend the Abstract as follows:

-- <u>ABSTRACT</u>

An image processing system comprising 3D image data processing means
~~(10)~~ of automatic mapping a 3-D Surface Model onto the surface of an object of
interest in a 3-D image, for estimating a model-based 3-D segmentation surface,
comprising visualizing means ~~(60)~~ and further comprising means of interactive
adaptation ~~(20)~~ of the segmentation surface to the actual surface of the object of
interest including means of interactive selection ~~(40)~~ of a 2D data plane (DP) that
intersects the 3-D segmentation surface along a 2-D Model Curve (MC), said Data
Plane having a user-selected orientation with respect to said surface, which is
appropriate for the user to visualize a 2-D portion called Aberrant Curve (AC)of said
Model Curve to be modified; means of interactive definition of a Guiding Curve (GC)
in the 2-D Data Plane; means of interactive adaptation of said Aberrant Curve (AC) to
said Guiding Curve (GC); and means of further automatically adapting the 3D
segmentation surface within a neighborhood of the interactively adapted Aberrant
Curve. The surface Model is favorably a Mesh Model. --